

## SUMMARY OF QUALIFICATIONS

- Highly experienced software development professional with over 15 years of experience in designing, developing and integrating systems at scale.
- Possess excellent cross-team leadership skills, strong communication abilities, and a track record of process improvement.
- Proven ability to establish best practices and guidelines for software development across multiple teams.

## TECHNICAL EXPERTISE

- Languages C#, SQL, Typescript, JQuery, HTML, SCSS
- Frameworks .NET Core, Angular, Entity Framework, Log4Net
- Tools AWS, AWS, SQL Server, Octopus, Azure Dev Ops
- Additional Skills IIS, Visio, MSMQ, REST

## EDUCATION

### **University of North Florida** Jacksonville, Florida — 2004-2009

- ✓ Bachelors of Science in Computer Science
- ✓ Minor in Mathematical Science

## PROFESSIONAL EXPERIENCE

### **Team Lead, Advisor, TransUnion**

Greenwood Village, CO — 3+ Years

- As a team lead and technical advisor, I am accountable for maintaining the code quality, information security and architecture of all projects within my team's purview.
- Engineered the rehosting of a vital project, harnessing the advanced features of the AWS cloud to enhance reliability, efficiency and cost-effectiveness.
- Led and provided technical guidance across multiple teams, projects and feature deliveries.
- Contributed to the design and architecture of systems that supported over 6 million transactions per minute.
- Managed the workload and deliverables of two development teams, ensuring code quality, security and performance.
- Oversaw the CI/CD pipelines using Azure Dev Ops and Octopus for 30+ services and projects.
- Reviewed API integration documents and designed workflow diagrams to guide team efforts.

### **Snr. Software Developer, TransUnion**

Greenwood Village, Colorado — 8+ Years

#### *Dotnet*

- Developed and delivered 5 greenfield projects using dotnet core and Angular.
- Designed and implemented RESTful services using dotnet core and dotnet 4.
- Improved performance and accuracy of a critical service that was the backbone of all products at TURSS.
- Created a common microservice layer used by independent verticals for 90% of their business logic.
- Implemented dependency injection for dotnet applications using StructureMap, Unity, and dotnet core's built in api.
- Refactored applications into three-tiered architecture with a presentation, business and data layers.
- Championed the use of NuGet package manager for more reliable dll referencing.
- Regularly participated and lectured in the company architecture and .Net Center of Excellence groups.

#### *Angular*

- Led the implementation of Angular, ngrx, yarn, dotnet core, and Moq as TransUnion standards.
- Founded and hosted the TransUnion Denver Angular Meetup Group.
- Architected and built six Angular websites, delivering them on schedule within 2 years.
- Created a common Angular library for use across all websites, promoting code reuse and consistency.
- Implemented a variety of services, including webpage timeout, session, scrolling to elements and API integrations.
- Developed all validators for both Template and Reactive forms.
- Designed error and request handling using HttpInterceptor.
- Integrated with third-party tracking tools such as Google Tag Manager, Optimizely, and Mixpanel.
- Implemented lazy loading modules and upgraded Angular from v2 to v12.
- Attended an in-person Angular talk lead by Google Engineers at TransUnion facilities in Chicago.

### **Software Developer, Restaurant Solutions, Inc.**

Denver, Colorado — 1+ Year

- Rolled out a greenfield .Net 4.0 product for streamlined payroll processing administration.
- Improved system performance using SQL Server, OO design patterns, priority queues, and algorithm efficiency.
- Built token-based security for a Web Service based API.
- Automated complex payroll tax calculation and payment tasks.
- Reengineered views and workflows for improved efficiency, resulting in significant performance improvements.
- Implemented up-to-date development methodologies and technologies to reduce feature implementation times.
- Configured, customized, and managed TFS 2010 workflows and builds.

### **Snr. Software Integration Engineer, System Innovators**

Jacksonville, Florida — 5+ Years

- Developed a cross-platform shopping cart implementation using PHP, JSON, JavaScript, C#, and .Net web services.
- Used agile development and C# to deliver custom interfaces to a variety of back-end systems, including Oracle, Microsoft SQL Server, Web Services, Flat Files, FTP, DB2, and ODBC.
- Created a custom API using .net 2.0 Web Services and SQL stored procedures for rapid record importing.
- Indexed and tuned SQL Server databases for optimized performance using execution plans and SQL Performance Monitors.
- Resolved a wide range of bugs within our customer specific C# and C++ integrations.
- Tested the application and tracked bug progress for high priority clients.
- Wrote user interface automation test to ensure the quality of our product.